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1 ~~GGGGACTTCT~~ ~~TGAACTTGCA~~ ~~GGGAGAATAA~~ ~~CTTGCGGCACC~~ ~~CCACTTTGCG~~
51 ~~CCGGTGCCTT~~ ~~TGCCCCAGCG~~ ~~GAGCCTGCTT~~ ~~CGCCATCTCC~~ ~~GAGCCCCACC~~
101 ~~GGCCCTCCAC~~ ~~TCCTCGGGCCT~~ ~~TGCCCCGACAC~~ ~~TGAGACGGCTG~~ ~~TTCCCAGGGT~~
151 ~~GAAAAGAGAG~~ ~~ACTGCGCGGGC~~ ~~CGGCACCCGG~~ ~~GAGAAGGAGG~~ ~~AGGCAAAGAA~~
201 ~~AAGGAACGGA~~ ~~CATTGCGTCC~~ ~~TTGCGCCAGG~~ ~~TCCTTTGACC~~ ~~AGAGTTTTTC~~
251 ~~CATGTGGACG~~ ~~CTCTTTCAAT~~ ~~GGACGTGTCC~~ ~~CGGCGTGCTT~~ ~~CTTAGACGGA~~
301 ~~CTGCGGTCTC~~ ~~CTAAAGGTCC~~ ~~ACCATGGTGG~~ ~~CCGGGACCCG~~ ~~CTGTCTTCTA~~
351 GCGTTGCTGC TTCCCCAGGT CCTCCTGGGC GGC GCGGCTG GCCTCGTTCC
401 GGAGCTGGGC CGCAGGAAGT TCGCGGCGGC GTCGTCGGGC CGCCCCTCAT
451 CCCAGCCCTC TGACGAGGTC CTGAGCGAGT TCGAGTTGCG GCTGCTCAGC
501 ATGTTGCGCC TGAAACAGAG ACCCACCCCC AGCAGGGACG CCGTGGTGCC
551 CCCCTACATG CTAGACCTGT ATCGCAGGCA CTCAGGTCAG CCGGGCTCAC
601 CCGCCCCAGA CCACCGGTTG GAGAGGGCAG CCAGCCGAGC CAACACTGTG
651 CGCAGCTTCC ACCATGAAGA ATCTTTGGAA GAACTACCAG AAACGAGTGG
701 GAAAACAACC CGGAGATTCT TCTTTAATTT AAGTTCTATC CCCACGGAGG
751 AGTTTATCAC CTCAGCAGAG CTTCAGGTTT TCCGAGAACA GATGCAAGAT
801 GCTTTAGGAA ACAATAGCAG TTTCATCAC CGAATTAATA TTTATGAAAT
851 CATAAAACCT GCAACAGCCA ACTCGAAATT CCCC GTGACC AGACTTTTGG
901 ACACCAGGTT GGTGAATCAG AATGCAAGCA GGTGGGAAAG TTTTGATGTC
951 ACCCCCGCTG TGATGCGGTG GACTGCACAG GGACACGCCA ACCATGGATT
1001 CGTGGTGGAA GTGGCCCACT TGGAGGAGAA ACAAGGTGTC TCCAAGAGAC
1051 ATGTTAGGAT AAGCAGGTCT TTGCACCAAG ATGAACACAG CTGGTCACAG
1101 ATAAGGCCAT TGCTAGTAAC TTTTGGCCAT GATGGAAAAG GGCATCCTCT
1151 CCACAAAAGA GAAAAACGTC AAGCCAAACA CAAACAGCGG AAACGCCTTA
1201 AGTCCAGCTG TAAGAGACAC CCTTTGTACG TGGACTTCAG TGACGTGGGG
1251 TGGAATGACT GGATTGTGGC TCCCCCGGGG TATCACGCCT TTTACTGCCA
1301 CGGAGAATGC CCTTTTCCTC TGGCTGATCA TCTGAACTCC ACTAATCATG
1351 CCATTGTTCA GACGTTGGTC AACTCTGTTA ACTCTAAGAT TCCTAAGGCA
1401 TGCTGTGTCC CGACAGAACT CAGTGCTATC TCGATGCTGT ACCTTGACGA
1451 GAATGAAAAG GTTGTATTAA AGAACTATCA GGACATGGTT GTGGAGGGTT
1501 GTGGGTGTCG CTAGTACAGC ~~AAAATTAAAT~~ ~~ACATAAATAT~~ ~~ATATATA~~

FIG. 1A